

25-OCT-2005 DON File: L:\Standard Drawings\Imperial\2005\Approved\StormwaterPlanUS\_Standard.dgn

UDOT – STORM WATER POLLUTION PREVENTION PLAN

1. SITE DESCRIPTION

PROJECT LIMITS:

SEE TITLE SHEET

PROJECT DESCRIPTION:

SEE TITLE SHEET

MAJOR SOIL DISTURBING ACTIVITIES:

(CHECK THE FOLLOWING AS THEY APPLY)  
\_\_\_\_ CLEAR AND GRUBBING  
\_\_\_\_ EXCAVATION  
\_\_\_\_ GRADING  
\_\_\_\_ PLACEMENT OF FILL  
\_\_\_\_ CUT AND FILL  
\_\_\_\_ OTHERS

TOTAL PROJECT AREA:

TOTAL AREA TO BE DISTURBED:

WEIGHTED RUNOFF COEFFICIENT  
(AFTER CONSTRUCTION):

EXISTING CONDITION OF SOIL & VEGETATIVE  
COVER AND % OF VEGETATION COVER:

NAME OF RECEIVING WATERS:

2. CONTROLS:

2a. EROSION AND SEDIMENT

| • STABILIZATION PRACTICES:               | STD. SPEC. NO. |
|--|----------------|
| ____ TEMPORARY OR PERMANENT SEEDING      | 02922          |
| ____ TURF SODDING                        | 02922          |
| ____ PLANTING                            | 02931, 02932   |
| ____ MULCHING                            | 02911          |
| ____ EROSION CONTROL BLANKETS            | 02376          |
| ____ VEGETATIVE BUFFER STRIPS            |                |
| ____ PRESERVATION OF TREES               |                |
| ____ ROUGHENED SURFACE GRADING PRACTICES | 02912          |
| ____                                     |                |

| • STRUCTURAL PRACTICES:                 | STD. DWG. NO. | STD. SPEC. NO. | DET. SHT. NO. |
|---|---------------|----------------|---------------|
| ____ CHECK DAMS                         | EN 1          | 01571          |               |
| ____ SILT FENCE                         | EN 2          | 01571          |               |
| ____ TEMPORARY BERM                     | EN 3          | 01571          |               |
| ____ TEMPORARY SLOPE DRAIN              | EN 3          | 01571          |               |
| ____ DROP-INLET BARRIERS                | EN 4          | 01571          |               |
| ____ PIPE INLET BARRIER                 | EN 5          | 01571          |               |
| ____ CURB INLET BARRIER                 | EN 5          | 01571          |               |
| ____ SEDIMENT TRAP                      | EN 6          | 01571          |               |
| ____ STABILIZED CONSTRUCTION ENTRANCE   | EN 6          | 01571          |               |
| ____ STRAW OR HAY BALE BARRIER          | EN 7          | 01571          |               |
| ____ TEMP. OR PERMANENT SEDIMENT BASINS |               |                |               |
| ____ DRAINAGE SWALES/DITCHES            |               | 02318          |               |
| ____ RIPRAP                             |               | 02372          |               |
| ____ PIPE OUTLET PROTECTION             |               | 02373          |               |
| ____ CHANNEL LINERS                     |               | 02376          |               |
| ____ CURBS AND GUTTERS                  |               |                |               |
| ____ BRUSH BARRIERS                     |               |                |               |

- WILL CONSTRUCTION OR PLACEMENT OF EROSION CONTROL STRUCTURES IMPACT REGULATED WETLANDS ?  
YES\_\_\_\_\_ NO\_\_\_\_\_
- THE PLACEMENT OF EROSION CONTROL STRUCTURES ARE INCLUDED IN THE TOTAL PROJECT WETLAND IMPACTS AND HAVE BEEN PERMITTED THROUGH THE ARMY CORPS OF ENGINEERS.

2b. STORM WATER MANAGEMENT:

HANDLE STORM WATER RUNOFF DURING AND AFTER CONSTRUCTION BY DITCHES, CHANNELS, AND DROP INLETS INTO CROSS CULVERTS OR STORM DRAIN AS DESIGNED. INCLUDE MITIGATION MEASURES WHERE APPLICABLE.

2c. OTHER CONTROLS:

- WASTE MATERIALS AND DISPOSAL:  
COMPLY WITH SECTION 00725 ARTICLE "FINAL CLEANUP"  
SECTION 01455 ARTICLE "FINISHING LOCAL MATERIAL SOURCE SITES",  
AND SECTION 00820
- OFFSITE VEHICLE TRACKING AND DUST CONTROL:  
COMPLY WITH SECTION 01572
- HAZARDOUS WASTE (INCLUDING SPILL REPORTING):  
COMPLY WITH SECTION 01355 AND SECTION 00820
- SANITARY WASTE:  
COMPLY WITH SECTION 00820

2d. APPROVED STATE OR LOCAL PLANS:

THIS STORM WATER POLLUTION PREVENTION PLAN HAS BEEN DEVELOPED IN ACCORDANCE WITH THE PROVISIONS OF THE MEMORANDUM OF UNDERSTANDING ( MOU ) BETWEEN THE UDOT AND THE UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY AND THE BEST MANAGEMENT PRACTICE (BMP) PLANS AND HAS BEEN APPROVED BY THE UTAH DIVISION OF WATER QUALITY.

3. MAINTENANCE:

COMPLY WITH SECTION 00725 ARTICLE "FINAL CLEANUP"  
SECTION 00727 ARTICLE "MAINTAINING THE WORK DURING CONSTRUCTION"  
AND SECTION 01571 ARTICLE "INSTALLATION" AND "MAINTENANCE"  
ACCOMPLISH NECESSARY MAINTENANCE OF CONTROL MEASURES TO PROVIDE CONTINUED EFFECTIVENESS. SCHEDULE AND ACCOMPLISH MAINTENANCE EFFORTS AFTER EACH STORM EVENT AND PRIOR TO ANTICIPATED STORM EVENTS.

4. INSPECTION:

COMPLY WITH SECTION 00727 ARTICLE "INSPECTION OF WORK"  
AND SECTION 01574 ARTICLE "SWPPP INSPECTIONS." INSPECT BY QUALIFIED PERSONNEL, DISTURBED AREAS, STORAGE AREAS, EROSION/SEDIMENT CONTROL MEASURES AND CONSTRUCTION ACCESS LOCATIONS:  
• AT LEAST ONCE EVERY FOURTEEN DAYS FOR SITES NOT FINALLY STABILIZED.  
• PRIOR TO ANTICIPATED STORM EVENTS THAT COULD RESULT IN SUBSTANTIAL RUNOFF.  
• WITHIN 24 HOURS AFTER A STORM THAT RESULTS IN 0.5 INCH OF RUNOFF OR GREATER.  
• AT LEAST ONCE A MONTH, WHEN RUNOFF IS UNLIKELY OR WHERE SITES HAVE BEEN STABILIZED.

PREPARE A REPORT FOR EACH INSPECTION. INCLUDE THE SCOPE OF THE INSPECTION, DATE, NAMES OF INSPECTORS, MAJOR OBSERVATIONS, FAILED CONTROLS AND ACTIONS TAKEN.

RETAIN COPIES OF INSPECTION REPORTS, THE SWPPP, THE NOI AND OTHER RECORDS FOR 3 YEARS FOLLOWING.

5. NON-STORM WATER DISCHARGES:

COMPLY WITH APPROPRIATE SECTIONS.

6. KEEPING PLANS CURRENT:

AMEND THIS STORM WATER POLLUTION PREVENTION PLAN WHENEVER;  
1. THERE IS A CHANGE IN DESIGN, CONSTRUCTION, OPERATION OR MAINTENANCE THAT HAS A SUBSTANTIAL EFFECT ON THE DISCHARGE OF POLLUTANTS TO THE WATERS OF THE STATE.  
2. INSPECTIONS OR INVESTIGATIONS BY OFFICIALS INDICATE THAT THE PLAN IS INEFFECTIVE IN ELIMINATING, MINIMIZING OR CONTROLLING THE DISCHARGE OF POLLUTANTS ASSOCIATED WITH CONSTRUCTION ACTIVITY.  
3. THERE IS A NEW CONTRACTOR OR SUBCONTRACTOR THAT IMPLEMENTS A MEASURE OF THE STORM WATER POLLUTION PREVENTION PLAN.

GENERAL NOTES:

1. IMPLEMENT STORM WATER POLLUTION PREVENTION PLAN IN ACCORDANCE WITH UDOT'S CURRENT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, WITH SPECIAL EMPHASIS ON SECTIONS 01355, 01571, 01574 AND STANDARD DRAWING SHEETS EN 1 – EN 7.  
2. COMPLY WITH THE REQUIREMENTS OF THIS STORM WATER POLLUTION PREVENTION PLAN FOR ANY ADDITIONAL CONSTRUCTION ACTIVITIES PERFORMED WITHIN THE PROJECT LIMITS NOT COVERED UNDER THE CONTRACT.

|   |  |          |  |   |  |                 |  |   |  |                          |  |   |  |          |  |   |  |
|---|--|----------|--|---|--|-----------------|--|---|--|--------------------------|--|---|--|----------|--|---|--|
| UTAH DEPARTMENT OF TRANSPORTATION       |  | REGION   |  | ROADWAY DESIGN                          |  | APPROVAL RECORD |  | PROJECT DESIGN ENGINEER                 |  | PRECONSTRUCTION ENGINEER |  | PROJECT NUMBER                          |  | COUNTY   |  | SHEET NO.                               |  |
| STORM WATER POLLUTION PREVENTION PLAN   |  | REGION   |  | ROADWAY DESIGN                          |  | APPROVAL RECORD |  | PROJECT DESIGN ENGINEER                 |  | PRECONSTRUCTION ENGINEER |  | PROJECT NUMBER                          |  | COUNTY   |  | SHEET NO.                               |  |
| 1                                       |  | 05/08/0  |  | 1                                       |  | 05/08/0         |  | 1                                       |  | 05/08/0                  |  | 1                                       |  | 05/08/0  |  | 1                                       |  |
| 2                                       |  | 08/15/02 |  | 2                                       |  | 08/15/02        |  | 2                                       |  | 08/15/02                 |  | 2                                       |  | 08/15/02 |  | 2                                       |  |
| 3                                       |  | 10/20/05 |  | 3                                       |  | 10/20/05        |  | 3                                       |  | 10/20/05                 |  | 3                                       |  | 10/20/05 |  | 3                                       |  |
| NO.                                     |  | DATE     |  | NO.                                     |  | DATE            |  | NO.                                     |  | DATE                     |  | NO.                                     |  | DATE     |  | NO.                                     |  |
| CHECK                                   |  | DATE     |  | CHECK                                   |  | DATE            |  | CHECK                                   |  | DATE                     |  | CHECK                                   |  | DATE     |  | CHECK                                   |  |
| DESIGN                                  |  | DRAWN    |  | DESIGN                                  |  | DRAWN           |  | DESIGN                                  |  | DRAWN                    |  | DESIGN                                  |  | DRAWN    |  | DESIGN                                  |  |
| REVIEW                                  |  | DATE     |  | REVIEW                                  |  | DATE            |  | REVIEW                                  |  | DATE                     |  | REVIEW                                  |  | DATE     |  | REVIEW                                  |  |
| REQUEST                                 |  | DATE     |  | REQUEST                                 |  | DATE            |  | REQUEST                                 |  | DATE                     |  | REQUEST                                 |  | DATE     |  | REQUEST                                 |  |
| BY                                      |  | DATE     |  | BY                                      |  | DATE            |  | BY                                      |  | DATE                     |  | BY                                      |  | DATE     |  | BY                                      |  |
| PARCELS                                 |  | DATE     |  | PARCELS                                 |  | DATE            |  | PARCELS                                 |  | DATE                     |  | PARCELS                                 |  | DATE     |  | PARCELS                                 |  |
| AFFECTED                                |  | DATE     |  | AFFECTED                                |  | DATE            |  | AFFECTED                                |  | DATE                     |  | AFFECTED                                |  | DATE     |  | AFFECTED                                |  |
| REMARKS                                 |  | DATE     |  | REMARKS                                 |  | DATE            |  | REMARKS                                 |  | DATE                     |  | REMARKS                                 |  | DATE     |  | REMARKS                                 |  |
| FOR AUTHORIZATION                       |  | DATE     |  | FOR AUTHORIZATION                       |  | DATE            |  | FOR AUTHORIZATION                       |  | DATE                     |  | FOR AUTHORIZATION                       |  | DATE     |  | FOR AUTHORIZATION                       |  |
| SUBMISSION                              |  | DATE     |  | SUBMISSION                              |  | DATE            |  | SUBMISSION                              |  | DATE                     |  | SUBMISSION                              |  | DATE     |  | SUBMISSION                              |  |
| REVISED                                 |  | DATE     |  | REVISED                                 |  | DATE            |  | REVISED                                 |  | DATE                     |  | REVISED                                 |  | DATE     |  | REVISED                                 |  |
| FRW                                     |  | DATE     |  | FRW                                     |  | DATE            |  | FRW                                     |  | DATE                     |  | FRW                                     |  | DATE     |  | FRW                                     |  |
| CORRECTED                               |  | DATE     |  | CORRECTED                               |  | DATE            |  | CORRECTED                               |  | DATE                     |  | CORRECTED                               |  | DATE     |  | CORRECTED                               |  |
| SPELLING                                |  | DATE     |  | SPELLING                                |  | DATE            |  | SPELLING                                |  | DATE                     |  | SPELLING                                |  | DATE     |  | SPELLING                                |  |
| NOTES                                   |  | DATE     |  | NOTES                                   |  | DATE            |  | NOTES                                   |  | DATE                     |  | NOTES                                   |  | DATE     |  | NOTES                                   |  |
| 2A, 4 AND 6.                            |  | DATE     |  | 2A, 4 AND 6.                            |  | DATE            |  | 2A, 4 AND 6.                            |  | DATE                     |  | 2A, 4 AND 6.                            |  | DATE     |  | 2A, 4 AND 6.                            |  |
| REVISED TO U.S. STANDARD (IN+LB) UNITS. |  | DATE     |  | REVISED TO U.S. STANDARD (IN+LB) UNITS. |  | DATE            |  | REVISED TO U.S. STANDARD (IN+LB) UNITS. |  | DATE                     |  | REVISED TO U.S. STANDARD (IN+LB) UNITS. |  | DATE     |  | REVISED TO U.S. STANDARD (IN+LB) UNITS. |  |
| ADDED EN 6 AND EN 7 REQUIREMENTS.       |  | DATE     |  | ADDED EN 6 AND EN 7 REQUIREMENTS.       |  | DATE            |  | ADDED EN 6 AND EN 7 REQUIREMENTS.       |  | DATE                     |  | ADDED EN 6 AND EN 7 REQUIREMENTS.       |  | DATE     |  | ADDED EN 6 AND EN 7 REQUIREMENTS.       |  |
| MODIFIED NOTE 3, 4, AND GENERAL NOTE 1. |  | DATE     |  | MODIFIED NOTE 3, 4, AND GENERAL NOTE 1. |  | DATE            |  | MODIFIED NOTE 3, 4, AND GENERAL NOTE 1. |  | DATE                     |  | MODIFIED NOTE 3, 4, AND GENERAL NOTE 1. |  | DATE     |  | MODIFIED NOTE 3, 4, AND GENERAL NOTE 1. |  |